
$^{10}\text{B}(\text{d,p}),(\text{d,d}),(\text{d},\alpha):\text{res}$ 1969Lo01,1978Bu04,2005Ru16

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968, 71 (2017)	1-Jan-2017

1956Ma69: $^{10}\text{B}(\text{d,p}),(\text{d},\alpha)$ E=1-3 MeV, Measured $\sigma(\theta)$.

1968Fr07: $^{10}\text{B}(\text{d},\alpha)$ E=0.5-2 MeV, measured $\sigma(\theta)$.

1969Lo01: $^{10}\text{B}(\text{d,d})$ E=1-2 MeV, measured $\sigma(\text{E},\theta)$.

1978Bu04: $^{10}\text{B}(\text{d},\alpha)$ E=0.8-9 MeV, measured $\sigma(\theta)$.

2005Ru16: $^{10}\text{B}(\text{d,p})$ E_{c.m.}=0-2.5 MeV.

^{12}C Levels

E(level)	J^π	Γ
$\approx 25500^\dagger$	1^-	370 keV
$\approx 25690^\dagger$	1^-	370 keV
$\approx 26.0 \times 10^3^{\ddagger\#}$		≈ 0.5 MeV
$\approx 26320^\dagger$	2^+	710 keV
$\approx 26530^\dagger$	1^-	1.24 MeV
$\approx 27.0 \times 10^3^{\ddagger\ddagger\#}$		≥ 1 MeV
$\approx 28.9 \times 10^3^{\ddagger\#}$		≥ 1 MeV
$\approx 30.2 \times 10^3^{\dagger\#}$		

† Observed in $^{10}\text{B}(\text{d,p})$ (2005Ru16).

‡ Observed in $^{10}\text{B}(\text{d,d})$ (1969Lo01).

$^\#$ Observed in $^{10}\text{B}(\text{d},\alpha)$ (1968Fr07,1978Bu04).